

CWT-BSR series Modbus Register map

Parameters	PLC address	Function code	Format	Content	Read/Write
Slave ID	40001	03/06	UINT16	1~255	R/W
Status bit	40002	03/06	UINT16	Bit0: RS232 communication Bit1: RS485 commnunication	R/W
Baud	40003	03/06	UINT16	48: 4800bps 96: 9600bps 192: 19200bps 1152: 115200bps	R/W
Parity	40004	03/06	UINT16	0: none 1: even 2: odd	R/W

CWT-BSR-DI40B

IO Port	Register address (hex)	PLC address	Function code	Format	Read/Write
Di0 ~ Di3	0000 ~ 0003	10001~10004	02	UINT16	R

CWT-BSR-DO02B

IO Port	Register address (hex)	PLC address	Function code	Format	Read/Write
Do0 ~ Do1	0000 ~ 0001	00001~00002	01/05	UINT16	R/W

CWT-BSR-IO22B

IO Port	Register address (hex)	PLC address	Function code	Format	Read/Write
Di0 ~ Di1	0000 ~ 0001	10001~10002	02	UINT16	R
Do0 ~ Do1	0000 ~ 0001	00001~00002	01/05	UINT16	R/W

CWT-BSR-AD20B

IO Port	Register address (hex)	PLC address	Function code	Format	Read/Write
Ai0 ~ Ai1	0000 ~ 0001	30001~30002	04	UINT16	R

CWT-BSR-AD40B(V) and CWT-BSR-AD40B(A)

IO Port	Register address (hex)	PLC address	Function code	Format	Read/Write
Ai0 ~ Ai3	0000 ~ 0003	30001~30004	04	UINT16	R

CWT-BSR-DA02B and CWT-BSR-AA02B

IO Port	Register address (hex)	PLC address	Function code	Format	Read/Write
Ao0~ Ao1	01F4 ~ 01F5	40501~40502	06	UINT16	R/W

CWT-BSR-TP20B and CWT-BSR-TD20B

IO Port	Register address (hex)	PLC address	Function code	Format	Read/Write
Ti0 ~ Ti1	0000 ~ 0001	30001~30002	04	UINT16	R

IO port	Register value	meaning
Di	0	off
	1	on
Do	0	off
	1	on
Ai	0-4000	corresponds to 4-20mA
		corresponds to 0-10V
Ao	0-4000	corresponds to 0-20mA
		corresponds to 0-10V
Ti	Temperature value*10	Temperature value